

# PROFESSIONAL CAMCORDER BATTERY CHARGER USER MANUAL

## CHARGER OPERATION:

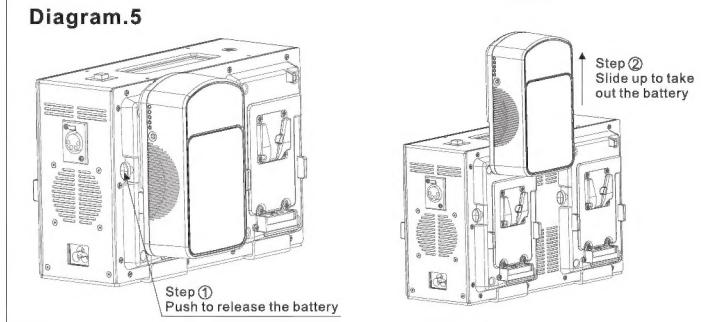
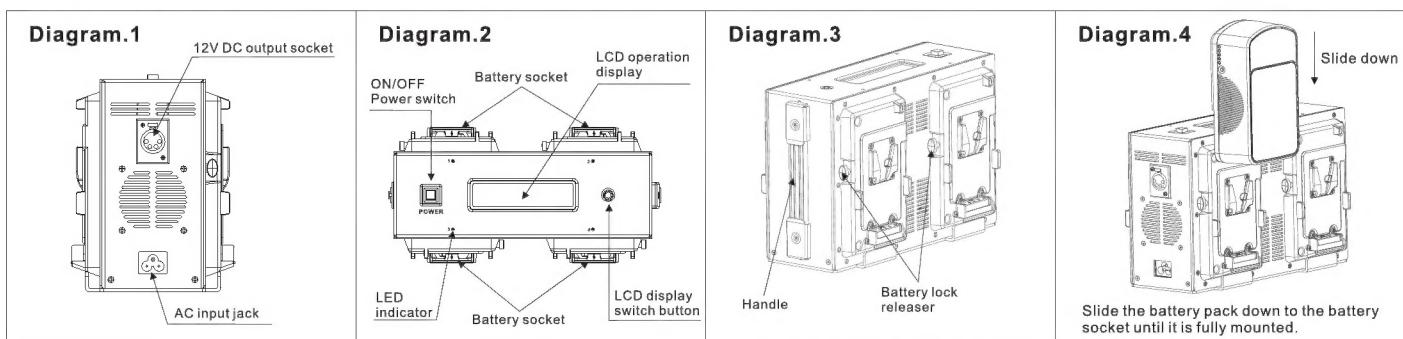
This Smart Quick Charger can differentiate Li-ion, Ni-MH & Ni-Cd battery automatically. Four independent charging channel can full charge difference type battery simultaneously in approx. 4 hours. With 12V DC outlet to power your extra devices.

## FEATURES:

- With LED charging indicator and LCD operation display.
- Over voltage, over current and over heat protection.
- Designed for charge both Li-ion, Ni-MH and Ni-Cd type V-mount battery pack.
- Four independent charging channels to charge four batteries simultaneously.
- Auto safety features for damaged or misused batteries.
- Universal AC input for international uses.

## OPERATING INSTRUCTION:

- Connect the supplied AC power cord firmly into the AC input jack (Diagram.1).
- Connect the DC output cord firmly and correctly as indicated (Diagram.1) if you expected to use this extra 12V DC outlet.
- Press the main power switch down to power on the charger. The LCD operation display will turn on and the LED indicator will turn RED for while and then turn off. (Diagram.2).
- Operation:
  - 1) Insert Battery Pack.....The remaining will be shown on the LCD display. (Diagram.4)
  - 2) Battery Checking Mode.....After few seconds, a word **CHARGE** will be shown and the LED indicator will show **RED**. It indicating the charger is in quick charging progress. If the battery is faulty one, **FAULT** will be shown on the LCD display.
  - 3) Charge End.....When the battery is fully charged, the LED indicator will turn **GREEN** and the word **FULL** will show on the LCD display instead of **CHARGE**.
  - 4) Empty Slot.....The word **EMPTY** will be shown on the LCD when the charging slot(s) is empty.
- To dismount the battery from charger, press the battery lock releaser (Diagram.5, Step1) and slide out (Diagram.5, Step 2) the battery.



## SPECIFICATIONS:

- Applicable battery: For both Li-ion, Ni-MH & Ni-Cd battery.
- AC Input: AC 100-240V, 50/60Hz auto-detected.
- Charging performance: Li-ion battery - 16.8V / 1.6A  
Ni-MH/Ni-Cd battery - 18.2V / 1.6A
- DC output: DC 12.5-14.5V / 4A
- Charge time: Battery in 75Wh, approx. in 4 hours  
Battery in 100Wh, approx. in 5.5 hours  
Battery in 130Wh, approx. in 7 hours
- Weight: Approx. 1.68kgs.
- Dimension: 227 x 173 x 138 (mm)

## SAFETY FEATURES:

The charger has designed will built-in safety features to protect the charger as well as the batteries from serious damage in the event an attempt is made to charge a faulty battery. Low voltage batteries are detected prior to applying quick charge current. If low voltage battery is detected, the charger will start charging the battery until the battery reaches an acceptable quick charge level. This can prevents any damage to the charge and the battery.

## GENERAL NOTES:

- Do not place anything on the top of the charger; do not block ventilation holes when charger in use.
- This is normal during charging the temperature of the charger will rise.
- Be sure to insert battery into the battery socket firmly.
- Do not attempt to charge faulty batteries or batteries with incorrect specifications.
- Do not expose the charger to direct sunlight, and use the charger in well-ventilated place.
- Do not open the unit or attempt to repair any malfunction, there are dangerous power supply circuits inside. There is no user serviceable parts inside.
- Avoid using the charger near equipment that generates noise, such as TV set ... etc.
- The charger should be turned on prior to batteries insert.

